

ABSTRACT OF THE INVENTION

[00071] A transceiver including a receiver, a transmitter, a first antenna port, a second antenna port, a first switching element to selectively couple the first antenna port to the receiver, a second switching element to selectively couple the second antenna port to the transmitter, and a third switching element to selectively couple the second antenna port to the receiver. The third switching element may be a resonant switch which is configurable as a parallel resonant circuit in a first mode to substantially isolate the second antenna port from the receiver, and configurable as a coupling circuit in a second mode to substantially couple the second antenna port to the receiver.